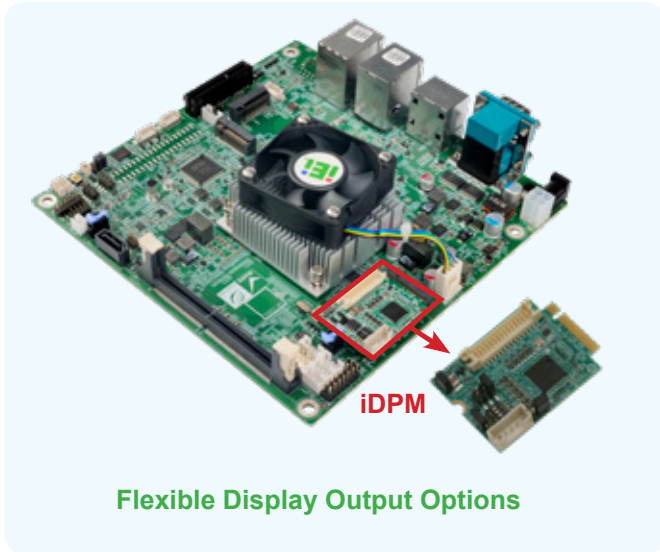


IEI iDPM Introduction

iDPM (IEI Internal DisplayPort Module)

The iDPM connector is provided on the IEI products. Through the IEI iDPM converter cards, the iDPM connector can support different display specifications, such as VGA, DisplayPort, and LVDS.



Flexible Display Output Options



Easy Installation in the Chassis

iDPM Supported Models

KINO-ADL-P	KINO-ADLPS	KINO-EHL	KINO-ADL-H610	KINO-TGL-U	KINO-EHL2
WAFER-ADL-N	WAFER-EHL-x6000	WAFER-EHL	WAFER-TGL-U	WAFER-EHL2	PICOe-EHL
IMBA-R680	IMBA-ADL-H610	IMBA-ADL-Q670	IMB-ADL-H610	NANO-EHL	NANO-ADL-P
HYPER-EHL					

iDPM-LVDS

eDP to 24-bit Dual-channel LVDS Converter Board (for IEI iDPM Slot)

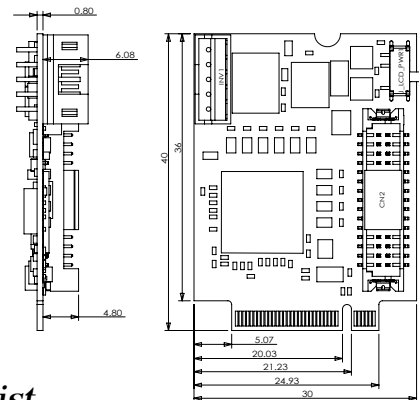
- eDP to LVDS output



Specifications

Model	iDPM-LVDS
Form Factor	iDPM 3040 slot (IEI-defined B key)
Display Output	1 x LVDS 24-bit dual-channel
Display IC	Chrontel - CH7511B (DP to LVDS)
Power	On board 3.3V ~ 12V
Operating Temperature	0°C ~ 60°C
Operating Humidity	5% ~ 95, non-condensing
Dimensions (LxW)	40 mm x 30 mm
Safety	CE/FCC compliant

Dimensions (mm)



Packing List

- 1 x iDPM-LVDS converter module

Ordering Information

Part No.	Description
iDPM-LVDS-R10	eDP to 24-bit dual-channel LVDS converter board (for IEI iDPM slot)

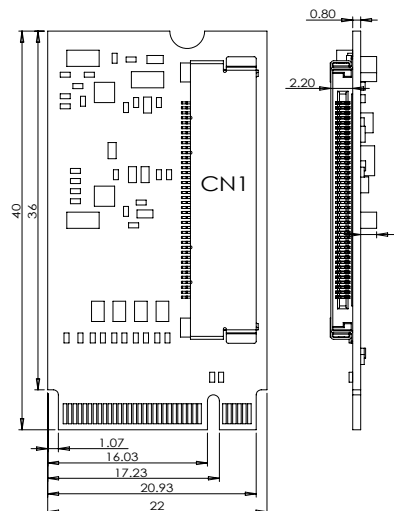
iDPM-eDP

eDP to eDP Converter Board
(for IEI iDPM Slot)

• eDP to eDP output



Dimensions (mm)



Specifications

Model	iDPM-eDP
Form Factor	iDPM 2240 slot (IEI-defined B key)
Internal Connector	1 x eDP connector (1x40 pin)
Power	On board 3.3V ~ 12V
Operating Temperature	0°C ~ 60°C
Operating Humidity	5% ~ 95, non-condensing
Dimensions (LxW)	40 mm x 30 mm
Safety	CE/FCC compliant

Packing List

1 x iDPM-eDP converter module

Ordering Information

Part No.	Description
iDPM-eDP-R10	eDP to eDP converter board (for IEI iDPM slot)

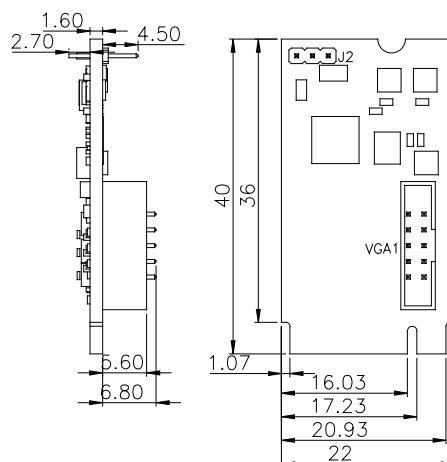
iDPM-VGA

eDP to VGA Converter Board
(for IEI iDPM Slot)

• eDP to VGA output



Dimensions (mm)



Specifications

Model	iDPM-VGA
Form Factor	iDPM 2240 slot (IEI-defined B key)
Display Output	1 x VGA pin-header
Power	On board 3.3V ~ 12V
Operating Temperature	0°C ~ 60°C
Operating Humidity	5% ~ 95, non-condensing
Dimensions (LxW)	40mm x 22mm
Safety	CE/FCC compliant

Packing List

1 x iDPM-VGA converter module

1 x VGA Cable

Ordering Information

Part No.	Description
iDPM-VGA-R10	eDP to VGA converter board (for IEI iDPM slot)

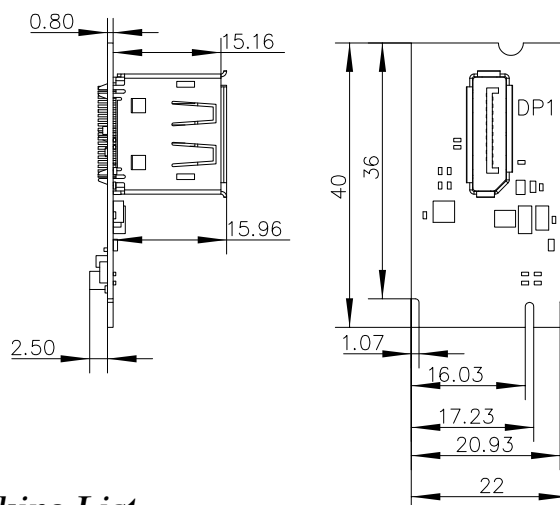
iDPM-DP

DisplayPort extension board (For iDPM connector),
RoHs

- DisplayPort output
- Resolution support up to DP1.4 4K 60Hz (Max: 4096 * 2304)



Dimensions (mm)



Specifications

Model	iDPM-DP
Form Factor	iDPM 2240 slot (IEI-defined B key)
Internal Connector	1 x DP connector
Power	On board 3.3V ~ 12V
Operating Temperature	0°C ~ 60°C
Operating Humidity	5% ~ 95, non-condensing
Dimensions (LxW)	22 mm x 40 mm
Safety	CE/FCC compliant

Packing List

- 1 x iDPM-DP extension board
- 1 x QIG

Ordering Information

Part No.	Description
iDPM-DP-R10	DisplayPort extension board (For iDPM connector), RoHs

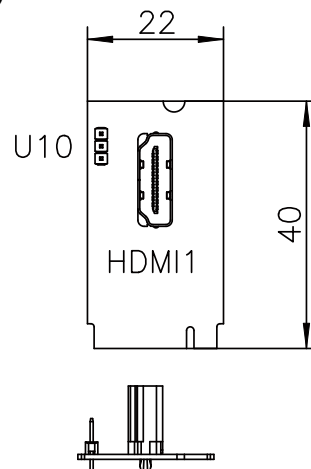
iDPM-HDM

HDMI converter board
(For iDPM connector), RoHs

- HDMI output
- Resolution support up to HDMI1.4b 4K@30Hz



Dimensions (mm)



Specifications

Model	iDPM-HDM
Form Factor	iDPM 2240 slot (IEI-defined B key)
Display output	1 x HDMI connector
CHIP	CH7525A-BF-Fw1.8.10 (CHRONTEL)
Operating Temperature	0°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~ 95 non-condensing
Dimensions	40 mm x 22 mm
Safety	CE/FCC compliant

Packing List

- 1 x iDPM-HDM extension board
- 1 x QIG

Ordering Information

Part No.	Description
iDPM-HDM-R10	HDMI extension board (For iDPM connector), RoHs
19XM0SK35-0004001-000-RS	HDMI Cable with bracket, 200mm